

Form PTO-1449		Docket Number 295002005900		Application Number 09/175,017			
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)				Applicant			
				BOIME et al			
Filing Date 19 October 1998				Group Art Unit <del>1645</del> 1647			
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
<b>OTHER DOCUMENTS</b>							
(including author, title, Date, Pertinent Pages, Etc.)							
Examiner Initials	Ref. No.	Title					
	1.	LaPolt, P.S. "Enhanced Stimulation of Follicle Maturation and Ovulatory Potential by Long Acting Follicle-Stimulating Hormone Agonists with Extended Carboxyl-Terminal Peptides", <i>Endocrinology</i> (1992) 131:2514-2520.					
	2.	Fares, F.A.. "Design of a Long Acting Follitropin Agonist by Fusing the C-terminal Sequence of the Chorionic Gonadotropin $\beta$ subunit to the Follitropin" <i>Proc Natl Acad Sci USA</i> (1992) 89:4304-4308.					
	3.	Lapthorn, A.J. "Crystal Structure of Human Chorionic Gonadotropin" <i>Nature</i> (1994) 369:455-461.					
	4.	Wu, H. "Structure of Human Chorionic Gonadotropin at 2.6 A Resolution from MAD analysis of the Selenomethionyl Protein" <i>Structure</i> (1994) 2:545-558.					
	5.	Patel, D.J. "A Clapsed Embrace" <i>Nature</i> 369:438-439.					
	6.	Dayhoff, M. "A Model of Evolutionary Change in Proteins" <i>Atlas of Protein Sequences and Structure</i> (1972) 5:89-99.					
	7.	Chen, F. "The Carboxy-Terminal Region of the Glycoprotein Hormone $\alpha$ -Subunit: Contributions to Receptor Binding and Signaling in Human Chorionic Gonadotropin" <i>Molec Endocrinol</i> (1992) 6:914-919.					
	8.	Yoo, J. "Conversion of Lysine 91 to Methionine or Glutamic Acid in Human Choriogonadotropin $\alpha$ Results in the Loss of cAMP Inducibility" <i>J Biol Chem</i> (1991) 266:17741-17743.					
	9.	Puett, D. "Delineation of Subunit and Receptor Contact Sites by Site-Directed Mutagenesis of hCG $\beta$ " <i>Glycoprotein Hormones</i> .					
	10.	Lusbader, J.W., <i>EDS, Springer Verlag</i> (New York) (1994) 122-134.					
	11.	Kuetmann, H.T. "Receptor Binding Regions of hLH and hCG $\beta$ -Subunit: Structural and Functional Properties" (ibid) pgs. 103-117.					
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Paper #4

Form PTO-1449

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IN AN APPLICATION

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Docket Number 295002005900

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BOIME et al

Filing Date 19 October 1998

Group Art Unit ~~1646~~ 1647

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
A	12.	Erickson, L.D. "Synthetic $\alpha$ -Subunit Peptides Stimulate Testosterone Production in Vitro by Rat Leydig Cells" <i>Endocrinology</i> (1990) 126:2555-2560.
	13.	Bielinska, M., <i>J Cell Biol</i> (1990) 111:330a (Abstract 1844).
	14.	Campbell "Conversion of Human Choriogonadotropin into a follitropin by Protein Engineering", <i>Proc Natl Acad Sci</i> (1991) 88:760-764.
	15.	Moyle, "Co-Evolution of Ligand-Receptor Pairs" <i>Nature</i> (1994) 368:251-255.
	16.	Matzuk, M.M. "The Glycoprotein $\alpha$ -Subunit is Critical for Secretion and Stability of the Human Thyrotropin $\beta$ -Subunit" <i>Mol Endocrinol</i> (1988) 2:95-100.
	17.	Matzuk, M.M. "Efforts of Preventing O-glycosylation on the Secretion of Human Chorionic Gonadotropin in Chinese Hamster Ovary Cells", <i>Proc Natl Acad USA</i> (1987) 84:6354-6358.
	18.	Matzuk, M.M. "The Role of the Asparagine-linked Oligosaccharides of the $\alpha$ Subunit in the Secretion and Assembly of Human Chorionic Gonadotropin" <i>J Cell Biol</i> (1988) 106:1049-1059.
	19.	Oikawa, J. X-C "Expression of Human Luteinizing Hormone (LH) and Chorionic Gonadotropin from Human but not Equine, Rat and Ovine Species" <i>Endocrinol</i> (1991) 5:759-768.
	20.	Chen, C. "High-Efficiency Transformation of Mammalian Cells by Plasmid DNA", <i>Mol Cell Biol</i> (1987) 7:2745-2752.
V	21.	Sachais "Molecular Basis for the Species Selectivity of the Substance P Antagonist CP-96, 345" <i>Biol Chem</i> (1993) 268:2319.

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